

TRIATEK HMS1650-LITE



HMS1650-LITE Features:

- Stand-alone monitor
- Reports hood face velocity, sash position hood status, time and date
- Full color touchscreen display
- Highly sensitive, precision instrument



Triatek HMS1650-LITE

STAND-ALONE HOOD MONITORING

Ideal for those fume hoods that only require monitoring features without network integration, the HMS1650-LITE is a highly accurate, budget friendly solution. Engineered to report air velocities, the HMS1650-LITE provides more confidence than systems reporting on sash height alone which do not account for obstructions in front of an open sash.

The HMS1650-LITE features a user friendly, touch sensitive LCD screen to aid with initial setup as well as daily usage. Additionally, the “at a glance” and fully programmable display communicates more information than competitive models.

No longer will users have to make an educated guess as to if the fume hood is safe to use.

Accurate to within ± 2 FPM*, this easy to install unit can be easily deployed for immediate and dependable results.

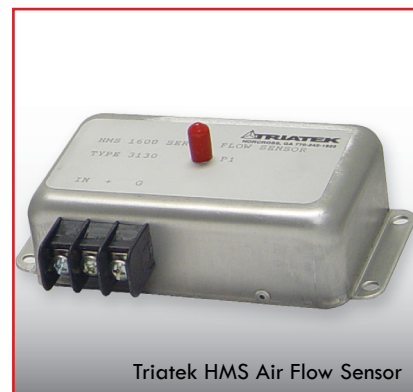
Other features include:

- Audible and visual alarms
- Programmable display
- Non-volatile memory

TRIATEK HMS1650-LITE

SPECIFICATIONS	
Parameters Monitored	Face Velocity & Sash Position (optional)
Face Velocity Range, Accuracy	0-200 ft/min, +/- 2 ft/min*
Analog-to-Digital Conversion	14-bit (16,384 points)
Engineering Units	Selectable (Imperial & Metric)
Display	3.2" Full-Color Touch Screen w/ Adjustable Backlight
Alarms, Visual	"At-a-Glance" RED Background
Alarms, Audible	103 dB @ 10 cm
Alarm Delays	Programmable 0-60 mins
Mounting	Surface Mount, Single-gang Wallbox Hole Pattern
Power Requirement	24Vdc Wall Adapter (included)
Sidewall Sensor	Thru-the-Hood Ultra Sensitive, Pre-Wired
Alarm Setpoints	2 Warning, 2 Alarm
High Flow Alarm Mute	Programmable
Operating Temperature	32° to 125° F Operating
DISPLAYED PARAMETERS	
Fume Hood Name	Up to 20 Characters
Operating Mode	Standby, Occupied or Unoccupied
Sash Position (optional)	Selectable Inches or Millimeters
Face Velocity in Selectable Units	0 - 200 ft/min or 0 - 1.02 m/sec
Time & Date	US Format
UNIT DIMENSIONS	
Display	4.875"H x 3.250"W x 1"D
Sidewall Sensor	2.250"H x 4.750"W x 3.250"D
Mounting Dimensions	4.820" H x 2.820"W

*Accuracy is ± 5FPM when velocity drops below 60 FPM or exceeds 140 FPM



Triatek HMS Air Flow Sensor



"At A Glance" Colored Face Velocity Status

<p>Fume Hood 1650 Hood Status: STANDBY Sash Position: 17.5 inches</p> <p>25 ft/min</p> <p>Dec 5, 2010 4:39 pm</p> <p>Standby Status</p>	<p>Fume Hood 1650 Hood Status: OCCUPIED Sash Position: 17.5 inches</p> <p>98 ft/min</p> <p>Dec 5, 2010 4:39 pm</p> <p>Safe Status</p>	<p>Fume Hood 1650 Hood Status: OCCUPIED Sash Position: 17.5 inches</p> <p>75 ft/min</p> <p>Dec 5, 2010 4:39 pm</p> <p>Warning Status</p>	<p>Fume Hood 1650 Hood Status: OCCUPIED Sash Position: 17.5 inches</p> <p>62 ft/min</p> <p>Dec 5, 2010 4:39 pm</p> <p>Alarm Status</p>
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Users are immediately able to discern fume hood status by looking at the background color of the screen alone.

Part Number Guide: HMS1650 - LITE



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